

| L Number | Hits | Search Text | DB | Time stamp |
|----------|------|---|--------------------------|------------------|
| 1 | 0 | 5981180.pn. and (biotin) | USPAT; US-PGPUB; DERWENT | 2004/07/13 14:02 |
| 2 | 0 | 6060240.pn. and (biotin) | USPAT; US-PGPUB; DERWENT | 2004/07/13 13:46 |
| 3 | 5661 | (microsphere or microparticle or bead) same (biotin or avidin) | USPAT; US-PGPUB; DERWENT | 2004/07/13 13:47 |
| 4 | 5461 | (microsphere or microparticle or bead) same (microwell or microtiter) | USPAT; US-PGPUB; DERWENT | 2004/07/13 13:52 |
| 5 | 1076 | ((microsphere or microparticle or bead) same (biotin or avidin)) and ((microsphere or microparticle or bead) same (microwell or microtiter)) | USPAT; US-PGPUB; DERWENT | 2004/07/13 13:47 |
| 6 | 3117 | (microsphere or microparticle or bead) near5 streptavidin | USPAT; US-PGPUB; DERWENT | 2004/07/13 13:48 |
| 7 | 445 | ((microsphere or microparticle or bead) same (biotin or avidin)) and ((microsphere or microparticle or bead) same (microwell or microtiter))) and ((microsphere or microparticle or bead) near5 streptavidin) | USPAT; US-PGPUB; DERWENT | 2004/07/13 13:48 |
| 9 | 11 | (((microsphere or microparticle or bead) same (biotin or avidin)) and ((microsphere or microparticle or bead) same (microwell or microtiter))) and ((microsphere or microparticle or bead) near5 streptavidin)) and (microsphere or microparticle or bead) near5 (microwell or microtiter)) and (prefer\$4 or advantage) near8 streptavidin | USPAT; US-PGPUB; DERWENT | 2004/07/13 13:48 |
| 8 | 226 | (((microsphere or microparticle or bead) same (biotin or avidin)) and ((microsphere or microparticle or bead) same (microwell or microtiter))) and ((microsphere or microparticle or bead) near5 streptavidin)) and (microsphere or microparticle or bead) near5 (microwell or microtiter) | USPAT; US-PGPUB; DERWENT | 2004/07/13 13:50 |
| 10 | 2 | ((microsphere or microparticle or bead) near5 streptavidin) and oprandy.in. | USPAT; US-PGPUB; DERWENT | 2004/07/13 13:52 |
| 11 | 0 | (((microsphere or microparticle or bead) same (biotin or avidin)) and ((microsphere or microparticle or bead) same (microwell or microtiter))) and ((microsphere or microparticle or bead) near5 streptavidin)) and oprandy.in. | USPAT; US-PGPUB; DERWENT | 2004/07/13 13:52 |
| 12 | 0 | ((microsphere or microparticle or bead) same (microwell or microtiter)) and oprandy.in. | USPAT; US-PGPUB; DERWENT | 2004/07/13 13:52 |
| 13 | 5 | oprandy.in. and (well or plate or microwell or microtiter) | USPAT; US-PGPUB; DERWENT | 2004/07/13 13:52 |
| 14 | 1 | 5981180.pn. and elisa | USPAT; US-PGPUB; DERWENT | 2004/07/13 14:03 |
| 15 | 0 | 5981180.pn. and vessel | USPAT; US-PGPUB; DERWENT | 2004/07/13 14:03 |
| - | 391 | (microsphere or microbead or bead) same (linker or linkage) near5 cleav\$5 | USPAT; US-PGPUB; DERWENT | 2004/07/13 10:17 |
| - | 149 | ((microsphere or microbead or bead) same (linker or linkage) near5 cleav\$5) and 435/6.ccls. | USPAT; US-PGPUB; DERWENT | 2003/11/20 15:07 |

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| | 42 | ((microsphere or microbead or bead) same (linker or linkage) near5 cleav\$5) and 435/6.ccls.) and detect\$3 near4 (cleaved or released) ("6620584" or "6327410").pn. | USPAT; US-PGPUB; DERWENT | 2003/11/20 15:08 |
| | 4 | 20020197456.pn. | USPAT; US-PGPUB; DERWENT | 2003/11/24 08:10 |
| | 2 | pope.in. and microsphere | USPAT; US-PGPUB; DERWENT | 2003/11/24 08:10 |
| | 31 | (pope.in. and microsphere) and enzyme | USPAT; US-PGPUB; DERWENT | 2003/11/24 08:40 |
| | 6 | "20020132221" | USPAT; US-PGPUB; DERWENT | 2003/11/24 08:40 |
| | 4 | ("5639603" or "5863722").pn. | USPAT; US-PGPUB; DERWENT | 2003/11/24 09:39 |
| | 2 | (("5639603" or "5863722").pn.) and enzyme | USPAT; US-PGPUB; DERWENT | 2003/11/24 11:21 |
| | 2731 | (microsphere or microparticle or microbead or bead) near8 enzyme | USPAT; US-PGPUB; DERWENT | 2003/11/24 12:17 |
| | 0 | (("5639603" or "5863722").pn.) and glycerol | USPAT; US-PGPUB; DERWENT | 2003/11/24 14:16 |
| | 3 | (("5639603" or "5863722").pn.) and target | USPAT; US-PGPUB; DERWENT | 2003/11/24 13:05 |
| | 897 | ((microsphere or microparticle or microbead or bead) near8 enzyme) and enzyme near4 (immobiliz\$3 or attach\$3) | USPAT; US-PGPUB; DERWENT | 2003/11/24 13:16 |
| | 548 | ((microsphere or microparticle or microbead or bead) near8 enzyme) and enzyme near4 (immobiliz\$3 or attach\$3)) and (microsphere or microparticle or microbead or bead) same enzyme near4 (immobiliz\$3 or attach\$3) | USPAT; US-PGPUB; DERWENT | 2003/11/24 13:24 |
| | 51 | ((((microsphere or microparticle or microbead or bead) near8 enzyme) and enzyme near4 (immobiliz\$3 or attach\$3)) and (microsphere or microparticle or microbead or bead) same enzyme near4 (immobiliz\$3 or attach\$3)) and (microsphere or microparticle or microbead or bead) near8 random\$4 | USPAT; US-PGPUB; DERWENT | 2003/11/24 13:23 |
| | 139 | ((microsphere or microparticle or microbead or bead) near8 enzyme) and (microsphere or microparticle or microbead or bead) near8 random\$4 | USPAT; US-PGPUB; DERWENT | 2003/11/24 13:46 |
| | 88 | ((((microsphere or microparticle or microbead or bead) near8 enzyme) and (microsphere or microparticle or microbead or bead) near8 random\$4) not (((microsphere or microparticle or microbead or bead) near8 enzyme) and enzyme near4 (immobiliz\$3 or attach\$3)) and (microsphere or microparticle or microbead or bead) same enzyme near4 (immobiliz\$3 or attach\$3)) and (microsphere or microparticle or microbead or bead) near8 random\$4) | USPAT; US-PGPUB; DERWENT | 2003/11/24 13:23 |

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| - | 12 | ((microsphere or microparticle or microbead or bead) near8 enzyme) and enzyme near4 (immobiliz\$3 or attach\$3) and (((microsphere or microparticle or microbead or bead) near8 enzyme) and (microsphere or microparticle or microbead or bead) near8 random\$4) not (((microsphere or microparticle or microbead or bead) near8 enzyme) and enzyme near4 (immobiliz\$3 or attach\$3)) and (microsphere or microparticle or microbead or bead) same enzyme near4 (immobiliz\$3 or attach\$3)) and (microsphere or microparticle or microbead or bead) near8 random\$4) | USPAT; US-PPGPUB; DERWENT | 2003/11/24 13:34 |
| - | 2 | 5639603.pn. | USPAT; US-PPGPUB; DERWENT | 2003/11/24 13:35 |
| - | 62 | 5639603.URPN. | USPAT | 2003/11/24 13:35 |
| - | 8 | 5639603.URPN. and ((microsphere or microparticle or microbead or bead) near8 enzyme) | USPAT; US-PPGPUB; DERWENT | 2003/11/24 13:44 |
| - | 31 | pope.in. and microsphere | USPAT; US-PPGPUB; DERWENT | 2003/11/24 13:45 |
| - | 1 | ((microsphere or microparticle or microbead or bead) near8 enzyme) and (pope.in. and microsphere) | USPAT; US-PPGPUB; DERWENT | 2003/11/24 13:55 |
| - | 0 | (pope.in. and microsphere) and (microsphere or microparticle or microbead or bead) near8 random\$4 | USPAT; US-PPGPUB; DERWENT | 2003/11/24 13:46 |
| - | 1 | ((((microsphere or microparticle or microbead or bead) near8 enzyme) and enzyme near4 (immobiliz\$3 or attach\$3)) and (microsphere or microparticle or microbead or bead) same enzyme near4 (immobiliz\$3 or attach\$3)) and (microsphere or microparticle or microbead or bead) near8 random\$4) or (((microsphere or microparticle or microbead or bead) near8 enzyme) and (microsphere or microparticle or microbead or bead) near8 random\$4)) and glycerol same diffusion | USPAT; US-PPGPUB; DERWENT | 2003/11/24 13:55 |
| - | 29 | ((((microsphere or microparticle or microbead or bead) near8 enzyme) and enzyme near4 (immobiliz\$3 or attach\$3)) and (microsphere or microparticle or microbead or bead) same enzyme near4 (immobiliz\$3 or attach\$3)) and (microsphere or microparticle or microbead or bead) near8 random\$4) or (((microsphere or microparticle or microbead or bead) near8 enzyme) and (microsphere or microparticle or microbead or bead) near8 random\$4)) and glycerol | USPAT; US-PPGPUB; DERWENT | 2003/11/24 13:55 |
| - | 38 | glycerol same (enzyme and diffusion) | USPAT; US-PPGPUB; DERWENT | 2003/11/24 14:16 |
| - | 71 | glycerol same (enzyme and diffus\$3) | USPAT; US-PPGPUB; DERWENT | 2003/11/24 14:16 |
| - | 10 | (glycerol same (enzyme and diffus\$3)) and (microsphere or microparticle or microbead or bead) near8 enzyme | USPAT; US-PPGPUB; DERWENT | 2003/11/24 14:53 |
| - | 16 | (glycerol same (enzyme and diffus\$3)) and (microsphere or microparticle or microbead or bead) same enzyme | USPAT; US-PPGPUB; DERWENT | 2003/11/24 14:52 |

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| | 6 | ((glycerol same (enzyme and diffus\$3)) and (microsphere or microparticle or microbead or bead) same enzyme) not ((glycerol same (enzyme and diffus\$3)) and (microsphere or microparticle or microbead or bead) near8 enzyme) | USPAT; US-PGPUB; DERWENT | 2003/11/24 14:18 |
| | 5691 | (microsphere or microparticle or microbead or bead) near8 (immobiliz\$3) | USPAT; US-PGPUB; DERWENT | 2003/11/24 14:22 |
| | 20 | ((microsphere or microparticle or microbead or bead) near8 (immobiliz\$3)) and 435/283.1.cc1s. | USPAT; US-PGPUB; DERWENT | 2003/11/24 14:23 |
| | 871 | (microsphere or microparticle or microbead or bead) near8 (immobiliz\$5 and enzyme) | USPAT; US-PGPUB; DERWENT | 2003/11/24 14:23 |
| | 3 | ((microsphere or microparticle or microbead or bead) near8 (immobiliz\$5 and enzyme)) and 435/283.1.cc1s. | USPAT; US-PGPUB; DERWENT | 2003/11/24 14:23 |
| | 1851 | dipstick and (microsphere or microparticle or microbead or bead) | USPAT; US-PGPUB; DERWENT | 2003/11/24 14:53 |
| | 891 | dipstick same (microsphere or microparticle or microbead or bead) | USPAT; US-PGPUB; DERWENT | 2003/11/24 14:53 |
| | 51 | (dipstick same (microsphere or microparticle or microbead or bead)) and (microsphere or microparticle or microbead or bead) near8 enzyme | USPAT; US-PGPUB; DERWENT | 2003/11/24 15:00 |
| | 7 | 5654418.URPN. | USPAT | 2003/11/24 14:56 |
| | 95 | (dipstick and (microsphere or microparticle or microbead or bead)) and (microsphere or microparticle or microbead or bead) near8 enzyme | USPAT; US-PGPUB; DERWENT | 2003/11/24 14:58 |
| | 44 | ((dipstick and (microsphere or microparticle or microbead or bead)) and (microsphere or microparticle or microbead or bead) near8 enzyme) not ((dipstick same (microsphere or microparticle or microbead or bead)) and (microsphere or microparticle or microbead or bead) near8 enzyme)) and 435/283.1.cc1s. | USPAT; US-PGPUB; DERWENT | 2003/11/24 14:58 |
| | 479 | (dipstick same (microsphere or microparticle or microbead or bead)) and (microsphere or microparticle or microbead or bead) same enzyme | USPAT; US-PGPUB; DERWENT | 2003/11/24 15:12 |
| | 155 | ((dipstick same (microsphere or microparticle or microbead or bead)) and (microsphere or microparticle or microbead or bead) same enzyme) and 435/6.cc1s. | USPAT; US-PGPUB; DERWENT | 2003/11/24 15:00 |
| | 0 | ((dipstick same (microsphere or microparticle or microbead or bead)) and (microsphere or microparticle or microbead or bead) same enzyme) and 435/283.1.cc1s. | USPAT; US-PGPUB; DERWENT | 2003/11/24 15:00 |
| | 3 | ((dipstick same (microsphere or microparticle or microbead or bead)) and (microsphere or microparticle or microbead or bead) same enzyme) and 422/68.1.cc1s. | USPAT; US-PGPUB; DERWENT | 2003/11/24 15:00 |
| | 87 | ((dipstick same (microsphere or microparticle or microbead or bead)) and (microsphere or microparticle or microbead or bead) same enzyme) and 435/7.1.cc1s. | USPAT; US-PGPUB; DERWENT | 2003/11/24 15:01 |
| | 5 | 5667976.URPN. | USPAT | 2003/11/24 15:09 |
| | 14 | ((dipstick same (microsphere or microparticle or microbead or bead)) and (microsphere or microparticle or microbead or bead) same enzyme) and 435/6.cc1s.) and (microsphere or microparticle or microbead or bead) near8 enzyme | USPAT; US-PGPUB; DERWENT | 2003/11/24 15:12 |
| | 18760 | 435/6.cc1s. | USPAT; US-PGPUB; DERWENT | 2003/11/25 10:03 |

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| - | 760 | 435/174.cccls. | USPAT; US-PGPUB; DERWENT | 2003/11/25 10:03 |
| - | 7047 | 435/7.1.cccls. | USPAT; US-PGPUB; DERWENT | 2003/11/25 10:03 |
| - | 24230 | 435/6.cccls. or 435/174.cccls. or 435/7.1.cccls. | USPAT; US-PGPUB; DERWENT | 2003/11/25 10:03 |
| - | 160 | (435/6.cccls. or 435/174.cccls. or 435/7.1.cccls.) and signal near8 (diffusion or diffuse or bleed) | USPAT; US-PGPUB; DERWENT | 2003/11/25 10:04 |
| - | 3 | ((435/6.cccls. or 435/174.cccls. or 435/7.1.cccls.) and signal near8 (diffusion or diffuse or bleed)) and glycerol same (diffusion or diffuse or bleed) | USPAT; US-PGPUB; DERWENT | 2003/11/25 10:04 |
| - | 24 | ((435/6.cccls. or 435/174.cccls. or 435/7.1.cccls.) and signal near8 (diffusion or diffuse or bleed)) and (prevent or retard or inhibit) near8 (diffusion or diffuse or bleed) | USPAT; US-PGPUB; DERWENT | 2003/11/25 10:07 |
| - | 4 | ((((435/6.cccls. or 435/174.cccls. or 435/7.1.cccls.) and signal near8 (diffusion or diffuse or bleed)) and (prevent or retard or inhibit)) near8 (diffusion or diffuse or bleed)) and glycerol | USPAT; US-PGPUB; DERWENT | 2003/11/25 10:07 |
| - | 2 | 6023540.pn. | USPAT; US-PGPUB; DERWENT | 2004/02/02 15:27 |
| - | 2 | 6060240.pn. and label | USPAT; US-PGPUB; DERWENT | 2004/02/02 15:28 |
| - | 2 | 6060240.pn. and label\$4 | USPAT; US-PGPUB; DERWENT | 2004/02/02 15:28 |
| - | 1 | 6060240.pn. and antibody | USPAT; US-PGPUB; DERWENT | 2004/02/03 10:14 |
| - | 1 | 6060240.pn. and (label same (indirect\$4 or antibody)) | USPAT; US-PGPUB; DERWENT | 2004/02/03 10:28 |
| - | 21 | 6060240.URPN. | USPAT | 2004/02/03 10:25 |
| - | 9262 | 435/6.cccls. and (bead or microsphere or microbead or microparticle) | USPAT; US-PGPUB; DERWENT | 2004/02/03 10:59 |
| - | 561 | (435/6.cccls. and (bead or microsphere or microbead or microparticle)) and sandwich near2 hybridiz\$5 | USPAT; US-PGPUB; DERWENT | 2004/02/03 10:30 |
| - | 63 | ((435/6.cccls. and (bead or microsphere or microbead or microparticle)) and sandwich near2 hybridiz\$5) and FACS | USPAT; US-PGPUB; DERWENT | 2004/02/03 10:30 |
| - | 224 | ((435/6.cccls. and (bead or microsphere or microbead or microparticle)) and sandwich near2 hybridiz\$5) and sandwich same (bead or microsphere or microbead or microparticle) | USPAT; US-PGPUB; DERWENT | 2004/02/03 10:59 |
| - | 177 | ((435/6.cccls. and (bead or microsphere or microbead or microparticle)) and sandwich near2 hybridiz\$5) and sandwich near8 (bead or microsphere or microbead or microparticle) | USPAT; US-PGPUB; DERWENT | 2004/02/03 11:03 |
| - | 1 | 6096500.URPN. | USPAT | 2004/02/03 12:38 |
| - | 38 | ((((435/6.cccls. and (bead or microsphere or microbead or microparticle)) and sandwich near2 hybridiz\$5) and sandwich near8 (bead or microsphere or microbead or microparticle)) and multiplex | USPAT; US-PGPUB; DERWENT | 2004/02/03 11:03 |
| - | 1 | 5679519.pn. | USPAT | 2004/02/03 13:26 |
| - | 3 | 5679519.URPN. | USPAT | 2004/02/03 12:39 |
| - | 0 | lockhart.in. and fret | USPAT | 2004/02/03 13:26 |
| - | 10 | lockhart.in. and probe near3 double | USPAT | 2004/02/03 13:28 |

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| - | 4 | (lockhart.in. and probe near3 double) and probe near10 (bead or microparticle or microsphere) | USPAT | 2004/02/03 13:28 |
| - | 7 | (lockhart.in. and probe near3 double) and probe same (bead or microparticle or microsphere) | USPAT | 2004/02/03 13:29 |
| - | 10 | (lockhart.in. and probe near3 double) and (bead or microparticle or microsphere) | USPAT | 2004/02/03 13:31 |
| - | 92 | chandler.in. and (microsphere or microbead or bead) | USPAT; US-PGPUB; DERWENT | 2004/07/12 14:47 |
| - | 12 | (chandler.in. and (microsphere or microbead or bead)) and hybridiz\$4 same (microsphere or microbead or bead) | USPAT; US-PGPUB; DERWENT | 2004/07/12 15:35 |
| - | 8 | ((chandler.in. and (microsphere or microbead or bead)) and hybridiz\$4 same (microsphere or microbead or bead)) and (ligat\$4 or sandwich) | USPAT; US-PGPUB; DERWENT | 2004/07/12 15:36 |
| - | 1 | 5981180.pn. and covalent\$4 | USPAT; US-PGPUB; DERWENT | 2004/07/13 11:13 |
| - | 1 | 5981180.pn. and ratio | USPAT; US-PGPUB; DERWENT | 2004/07/13 11:14 |
| - | 1 | 5981180.pn. and (well or microtitier or microwell) | USPAT; US-PGPUB; DERWENT | 2004/07/13 11:15 |
| - | 0 | 5981180.pn. and (plate) | USPAT; US-PGPUB; DERWENT | 2004/07/13 11:15 |
| - | 1 | 5981180.pn. and (substrate) | USPAT; US-PGPUB; DERWENT | 2004/07/13 11:21 |
| - | 0 | 5981180.pn. and (facs) | USPAT; US-PGPUB; DERWENT | 2004/07/13 13:45 |